

Amendments to the Specification:

Please enter the attached Sequence Listing.

Please amend the paragraphs beginning on line 31 on page 22,
ending on line 24 page 23, to read as follows:

STEP 1A. Annealing

-GCA CAC TAG CTT GAG CAC AC (SEQ ID NO: 1)
-D-CGT GTG ATC GAA CTC GTG TG **GTATCCTGAGGGTAC** (SEQ ID NO:2)

STEP 1B. Transfer of chemical entity D and anti-codon

-D-GCA CAC TAG CTT GAG CAC AC **CATAGGACTCCCATG** (SEQ ID NO: 3)
-GCA CAC TAG CTT GAG CAC AC **CATTCCTGAGGGTAC** (SEQ ID NO: 4)

STEP 2A. Annealing

-D-GCA CAC TAG CTT GAG CAC AC **CATAGGACTCCCATG** (SEQ ID NO: 5)
-G-CGT GTG ATC GAA CTC GTG TG **GTATTTTTTTTTTACGAAGCTGTTACG** (SEQ ID NO: 6)

STEP 2B. Transfer of chemical entity G and anti-codon.

-G-D-GCA CAC TAG CTT GAG CAC AC **CATAGGACTCCCATGCTTCGACAATGC**
(SEQ ID NO: 7)
-CGT GTG ATC GAA CTC GTG TG **GTATTTTTTTTTTACGAAGCTGTTACG**
(SEQ ID NO: 8)

STEP 3A. Annealing

-G-D-GCA CAC TAG CTT GAG CAC AC **CATAGGACTCCCATGCTTCGACAATGC**
(SEQ ID NO: 9)
R-CGT GTG ATC GAA CTC GTG TG
GTATTTTTTTTTTACTTTTTTTTTACGCCTCTAGTGCGT CGA AAT GCT AGG GCG
(SEQ ID NO: 10)

STEP 3B. Transfer of chemical entity D and anti-codon.

R-G-D-GCA CAC TAG CTT GAG CAC AC
CATAGGACTCCCATGCTTCGACAATGCGGAGATCACGCA GCT TTA CGA TCC CGC
(SEQ ID NO: 11)
-CGT GTG ATC GAA CTC GTG TG
GTATTTTTTTTTTACTTTTTTTTTACGCCTCTAGTGCGT CGA AAT GCT AGG GCG
(SEQ ID NO: 12)

Please amend the paragraphs beginning on line 15 on page 28,
ending on line 12 page 29, to read as follows:

RCCTCTAGTG (SEQ ID NO: 13) GGAAGCTGTT (SEQ ID NO: 14)
DTCCTGAGGG (SEQ ID NO: 15)

5' —————> 3'

1. CATCCTCTAGTGATGCCTCTAGTGTGCCCTCTAGTGGCA (SEQ ID NO: 16)
2. CATGAAGCTGTTATGGAAGCTGTTTGCGAAGCTGTTGCA (SEQ ID NO: 17)
3. CATTCCCTGAGGGATGTCCTGAGGGTGCTCCTGAGGGGCA (SEQ ID NO: 18)
4. CATCCTCTAGTGATGGAAGCTGTTTGCGAAGCTGTTGCA (SEQ ID NO: 19)
5. CATCCTCTAGTGATGCCTCTAGTGTGCGAAGCTGTTGCA (SEQ ID NO: 20)
6. CATCCTCTAGTGATGTCCTGAGGGTGCTCCTGAGGGGCA (SEQ ID NO: 21)
7. CATCCTCTAGTGATGCCTCTAGTGTGCTCCTGAGGGGCA (SEQ ID NO: 22)
8. CATGAAGCTGTTATGCCTCTAGTGTGCTCCTGAGGGGCA (SEQ ID NO: 23)
9. CATGAAGCTGTTATGCCTCTAGTGTGCCCTCTAGTGGCA (SEQ ID NO: 24)
10. CATGAAGCTGTTATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 25)
11. CATTCCCTGAGGGATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 26)
12. CATTCCCTGAGGGATGCCTCTAGTGTGCCCTCTAGTGGCA (SEQ ID NO: 27)
13. CATGAAGCTGTTATGTCCTGAGGGTGCCCTCTAGTGGCA (SEQ ID NO: 28)
14. CATGAAGCTGTTATGTCCTGAGGGTGCTCCTGAGGGGCA (SEQ ID NO: 29)
15. CATGAAGCTGTTATGGAAGCTGTTTGCTCCTGAGGGGCA (SEQ ID NO: 30)
16. CATTCCCTGAGGGATGGAAGCTGTTTGCTCCTGAGGGGCA (SEQ ID NO: 31)
17. CATTCCCTGAGGGATGTCCTGAGGGTGCGAAGCTGTTGCA (SEQ ID NO: 32)
18. CATCCTCTAGTGATGGAAGCTGTTTGCTCCTGAGGGGCA (SEQ ID NO: 33)
19. CATTCCCTGAGGGATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 34)
20. CATTCCCTGAGGGATGGAAGCTGTTTGCGAAGCTGTTGCA (SEQ ID NO: 35)
21. CATTCCCTGAGGGATGTCCTGAGGGTGCCCTCTAGTGGCA (SEQ ID NO: 36)
22. CATCCTCTAGTGATGTCCTGAGGGTGCGAAGCTGTTGCA (SEQ ID NO: 37)
23. CATGAAGCTGTTATGCCTCTAGTGTGCGAAGCTGTTGCA (SEQ ID NO: 38)
24. CATCCTCTAGTGATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 39)
25. CATTCCCTGAGGGATGCCTCTAGTGTGCTCCTGAGGGGCA (SEQ ID NO: 40)
26. CATGAAGCTGTTATGTCCTGAGGGTGCGAAGCTGTTGCA (SEQ ID NO: 41)
27. CATCCTCTAGTGATGTCCTGAGGGTGCCCTCTAGTGGCA (SEQ ID NO: 42)

Please amend the paragraphs beginning on line 21 on page 29,
ending on line 12 page 29, to read as follows:

1. GCT AGG CTA ATG TCC GGC TAG TAG GAG ATCA CTA CGG AGA TCA
CAC GGG AGA TCA CC GT 00109 (SEQ ID NO: 43)

2. **AGG CAG ACA ACT CAA TCC GGG** TAC TTC GAC AAT ACC TTC GAC
 AAA CGC TTC GAC AAC GT 00222 (SEQ ID NO: 44)
3. **TCA GAC TAG GGT AGC GCA TAG** TAA GGA CTC CCT ACA GGA CTC
 CCA CGA GGA CTC CCC GT 00348 (SEQ ID NO: 45)
4. **TGT CCA GTA GCT TGA GAG TCG** TAG GAG ATC ACT ACC TTC GAC
 AAA CGC TTC GAC AAC GT 00445 (SEQ ID NO: 46)
5. **CGA CAA GGC ATT CAC ACT AGG** TAG GAG ATC ACT ACG GAG ATC
 ACA CGC TTC GAC AAC GT 00470 (SEQ ID NO: 47)
6. **TCG GCG TTA CGT GCT GAC TAG** TAG GAG ATC ACT ACA GGA CTC
 CCA CGA GGA CTC CCC GT 00551 (SEQ ID NO: 48)
7. **CCG CAG CAA GCT ATC GAG AAG** TAG GAG ATC ACT ACG GAG ATC
 ACA CGA GGA CTC CCC GT 00694 (SEQ ID NO: 49)
8. **CGA AAG CAT AAT AGC GGT GCG** TAC TTC GAC AAT ACG GCG ATC
 ACA CGA GGA CTC CCC GT 00729 (SEQ ID NO: 50)
9. **GTA CGT TGA CAG TCT GCA CAG** TAC TTC GAC AAT ACG GAG ATC
 ACA CGG GAG ATC ACC GT 00852 (SEQ ID NO: 51)
10. **GTC TGG CCC TAC CTA TGG TTG** TAC TTC GAC AAT ACC TTC GAC
 AAA CGG GAG ATC ACC GT 00891 (SEQ ID NO: 52)
11. **ACC AAT GCA AAT AGG CGG CCG** TAA GGA CTC CCT ACC TTC GAC
 AAA CGG GAG ATC ACC GT 00922 (SEQ ID NO: 53)
12. **TCA GGC CCA CGT AGC GTT ATG** TAA GGA CTC CCT ACG GAG ATC
 ACA CGG GAG ATC ACC GT 01033 (SEQ ID NO: 54)
13. **GAA CTA TGC TGA CAG TAC CGG** TAC TTC GAC AAT ACA GGA CTC
 CCA CGG GAG ATC ACC GT 01081 (SEQ ID NO: 55)
14. **CCC AGG GCA AGC GAT CAT AAG** TAC TTC GAC AAT ACA GGA CTC
 CCA CGA GGA CTC CCC GT 01109 (SEQ ID NO: 56)
15. **TCA CGT AAT TTG TTA GCC GCG** TAC TTC GAC AAT ACC TTC GAC
 AAA CGA GGA CTC CCC GT 01187 (SEQ ID NO: 57)
16. **TAC CTG GCA TGA CGC GAT ATG** TAA GGA CTC CCT ACC TTC GAC
 AAA CGA GGA CTC CCC GT 01360 (SEQ ID NO: 58)

17. **TGC AGG CTC GCA GAT GCT ATG** TAA GGA CTC CCT ACA GGA CTC
| CCA CGC TTC GAC AAC GT 01414 (SEQ ID NO: 59)
18. **TGA GCG TTA GAG CTT GAT CCG** TAG GAG ATC ACT ACC TTC GAC
| AAA CGA GGA CTC CCC GT 01522 (SEQ ID NO: 60)
19. **TCT CGG TTA CTG AGT GGA CTG** TAA GGA CTC CCT ACC TTC GAC
| AAA CGG GAG ATC ACC GT 01526 (SEQ ID NO: 61)
20. **CGA CGA GCA CCA ATT CGA GAG** TAA GGA CTC CCT ACC TTC GAC
| AAA CGC TTC GAC AAC GT 01548 (SEQ ID NO: 62)
21. **GTT AGA TCA TAG TCA CCG CGG** TAA GGA CTC CCT ACA GGA CGC CCA
| CGG GAG ATC ACC GT 01610 (SEQ ID NO: 63)
22. **CAC TAA GAC ATG CAC AGC GGG** TAG GAG ATC ACT ACA GGA CTC
| CCA CGC TTC GAC AAC GT 01715 (SEQ ID NO: 64)
23. **CTA CTG ACA CTG ACC AGG GAG** TAC TTC GAC AAT ACG GAG ATC
| ACA CGC TTC GAC AAC GT 01800 (SEQ ID NO: 65)
24. **GCA TAC AGG TTA CGA CGC CTG** TAG GAG ATC ACT ACC TTC GAC
| AAA CGG GAG ATC ACC GT 01882 (SEQ ID NO: 66)
25. **CTT CGC GCA GCT ACA TAG** ATG TAA GGA CTC CCT ACG GAG ATC
| ACA CGA GGA CTC CCC GT 01928 (SEQ ID NO: 67)
26. **GGC ATA CTA GAG TCA GCG** ATG TAC TTC GAC AAT ACA GGA CTC
| CCA CGC TTC GAC AAC GT 01955 (SEQ ID NO: 68)
27. **ATC AAG GCA ACC GCC AGT** AGG TAG GAC ATC ACT ACA GGA CTC
| CCA CGG GAG ATC ACC GT 01991 (SEQ ID NO: 69)